We Claim:

1. In a folding tool having an elongate body and an implement, wherein the body includes two opposed sidewalls held in a spaced apart relationship defining a slot therebetween, the implement is rotatably attached to the body and is rotatable from a first position in which the implement is at least partially received in the slot and a second position in which the implement is at least partially rotated out of the slot for use, the improvement comprising:

an elongate stop pin having a first end and a second end, a first cylindrical outer surface adjacent the first end, a second cylindrical outer surface adjacent the second end, and a central portion between said first and second cylindrical outer surfaces, said central portion defined by a plurality of planar surfaces, a first axial bore in the first end having a first diameter, said first axial bore extending partially along the length of the stop pin and terminating at a shelf, and a second axial bore extending from said shelf at least partially toward said second end, said second axial bore having a smaller diameter than said first axial bore;

whereby said first cylindrical portion is rotatably received in a bore in a sidewall and said second cylindrical portion is rotatably received in a bore in the opposite sidewall such that the central portion lies in the slot, the bore in the first sidewall having a hole therethrough aligned with said first axial bore.

2. The folding tool according to claim 1 wherein the first axial bore is threaded and the hole in the first sidewall has a diameter smaller than the bore in the sidewall and wherein the stop pin is fixed relative to the sidewall to prevent axial rotation of said stop pin with a screw inserted through the hole and threaded into the first axial bore.

3. The folding tool according to claim 1 wherein the stop pin has a longitudinal axis and wherein the radial distance from the axis to each of the plurality of planar surfaces is different for each planar surface.

4. The folding tool according to claim 3 wherein the shortest radial distance from the axis to a first planar surface is equal to the radial distance from the axis to the first cylindrical outer surface.

5. The folding tool according to claim 4 wherein the radial distance from the axis to the planar surface adjacent the first planar surface is greater than the radial distance from the axis to the first cylindrical outer surface.

6. The folding tool according to claim 1 including N planar surfaces in the central portion, and wherein the radial distance from the axis to each of the N planar surfaces is different for each such surface.

7. The folding tool according to claim 6 wherein the radial distance from the axis to a planar surface is represented by R and $R_0 < R_1 < R_2 \ldots < R_N$.

8. The folding tool according to claim 6 wherein one of the planar surfaces defines a reference surface and includes a reference indicia.

9. The folding tool according to claim 1 wherein the second axial bore is defined by a hexagonal opening.

10. A stop pin for a folding tool, comprising:

an elongate body having a first end and a second end, a first cylindrical outer surface adjacent the first end, a second cylindrical outer surface adjacent the second end, and a central portion between said first and second cylindrical outer surfaces, said central portion defined by a plurality of planar surfaces, a first axial bore in the first end having a first diameter, said first axial bore extending partially along the length of the stop pin and terminating at a shelf, and a second axial bore extending from said shelf at least partially toward said second end, said second axial bore having a smaller diameter than said first axial bore.

11. The stop pin according to claim 10 wherein said first axial bore is threaded.

12. The stop pin according to claim 11 wherein said second axial bore defines a tool engaging means for allowing a tool inserted into the second axial bore to axially rotate said stop pin.

13. The stop pin according to claim 10 including 8 planar surfaces P_0, P_1, P_2, P_3, P_4, P_5, P_6, P_7 in the central portion, each planar surface separated from the longitudinal axis through said stop pin by a radial distance R measured from the axis to a planar surface P, and wherein $R_0 < R_1 < R_2 < R_3 < R_4 < R_5 < R_6 < R_7$.

14. The stop pin according to claim 13 in which one of the planar surfaces includes a reference notch.

15. A method of adjusting the stop position of an implement in a folding tool having the implement rotatably connected to a handle and capable of rotation from a closed position to the stop position, comprising the steps of:

(a) interposing a stop pin in the path, the stop pin having a longitudinal axis extending therethrough and an outer surface that defines more than one radial length measured from the axis to the outer surface at different points on the outer surface;

(b) moving the implement into the stop position; and

(c) adjusting the stop position by rotating the stop pin with a tool inserted axially into one end of the stop pin.

16. The method according to claim 15 wherein the outer surface of the stop pin further defines a multifaceted member and wherein the radial length from the axis to any one facet is different from the radial length to any different facet, and

including the step of rotating the stop pin until the desired stop position is achieved.

17. The method according to claim 16 wherein one facet includes reference indicia and the step of adjusting the stop position is preceded by the step of orienting the facet having the reference indicia so that a surface on the implement in the stop position abuts the facet having the reference indicia.

18. The method according to claim 17 further including the step of fixing the rotational position of the stop pin relative to the implement when a desired orientation between the stop pin and the implement is achieved.

19. The method according to claim 17 wherein the stop of fixing the rotational position of the stop pin includes the step of binding the stop pin against a body side wall of the implement.

20. The method according to claim 15 wherein the folding tool is a knife and the implement is a knife blade.